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		Complete if Known	١
	Application Number	09/936,377	Ì
INFORMATION DISCLOSURE	Filing Date	February 26, 2002	
STATEMENT BY APPLICANT	First Named Inventor	Catherine DEFRENNE	I
(Use as many sheets as necessary)	Art Unit	1645	I
ن - (بو <sup>8</sup>	Examiner Name	Padmavathi Baskar	I
SHEET 1 of 2	Attorney Docket No.	GSKB-109US	1

**U.S. PATENT DOCUMENTS** 

Publication Date

(MM-DD-YYYY)

Name of Patentee or

Applicant of Cited Document

Date Considered

10/09/2008

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		F	OREIGN PA	TE	NT DOCUMEN	ITS			
		Foreign Patent Documen	ocument			Name of Patentee of		Pages, Columns, Lines, Where Relevant	
Examiner Initials*	Cite No.1	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Co	de <sup>5 (If known)</sup>	Publication Date (MM-DD-YYYY)		Applicant of Cited Document		Passages or Relevant Figures Appear	T6
/PB/		WO 00/22430 A3		04	/20/2000	Chiron Corp.			

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## Complete if Known 09/936,377 Application Number February 26, 2002 INFORMATION DISCLOSURE Filing Date STATEMENT BY APPLICANT Catherine DEFRENNE First Named Inventor (Use as many sheets as necessary) 1645 Art Unit Padmavathi Baskar Examiner Name GSKB-109US SHEET 2 of 3 Attorney Docket No.

		NON-PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published				
/P8/		"Selection of Immunogenic Peptides for Antisera Production," Current Protocols in Immunology, John Wiley & Sons, 1991, units 9.3.1-9.3.5.				
/PB/		GEYSEN et al., "Use of peptide synthesis to probe viral antigens for epitopes to a resolution of a single amino acid," <i>Proc. Nat. Acad. Sci. USA</i> , July 1984, Vol. 81, pp. 3998-4002.				
/PB/		REECE et al., "Scanning for T helper epitopes with human PBMC using pools of short synthetic peptides," Journal of Immunological Methods, 1994, Vol. 172, No. 2, pp. 241-254.				
/P8/		REECE et al., "Mapping the Major Human T Helper Epitopes of Tetanus Toxin," The Journal of Immunology, 1993, Vol. 151, pp. 6175-6184.				
/PB/		"Synthesis of Multipe Peptides on Plastic Pins," Current Protocols in Immunology, John Wiley & Sons, 1997, units 9.7.1-9.7.19.				
/PB/		NIMAN, et al., "Generation of protein-reactive antibodies by short peptides is an event of high frequency: Implications for the structural basis of immune recognition," Proc. Natl. Acad. Sci. USA, August 1983, Vol. 80, pp. 4949-4953.				
/PB/		DILLNER et al., "Antibodies against a synthetic peptide identify the Epstein-Barr Virus-determined nuclear antigen," August 1984, <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 81, pp. 4652-4656.				
/PB/		SALI et al., "Three-dimensional Models of four Mouse Mast Cell Chymases," The Journal of Biological Chemistry, Vol. 268, No. 12, April 25, 1993, pp. 9023-9034.				
/PB/		TETTELIN et al., "Complete Genome Sequence of Neisseria meningitidis Serogroup B Strain MC58," Science, Vol. 287, March 10, 2000, pp. 1809-1815.				
/PB/		ZHOU et al., "On the origin of membrane vesicles in Gram-negative bacteria," Fems Microbiology Letter, 163, 1998, pp. 223-238.				
/PB/		SHINNICK et al., "Synthetic Peptide Immunogens as Vaccines," Annual Review Microbiology, 1983, Vol. 37, pp. 425-446.				
/PB/		GEYSEN et al., "Small peptides induce antibodies with a sequence and structural requirement for binding antigen comparable to antibodies raised against the native protein," Proc. Natl. Acad. Sci. USA, Vol. 82, January 1985, po. 178-185.				
/PB/	ROITT et al., "The Structures of Antigens," Immunology, 3d Edition, 1993, units 7.7-7.8.					
Examiner Signature	_	/Padmavathi Baskar/ Date Considered 10/09/2008				

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		Art Unit	1645		
		Examiner Name	Padmavathi Baskar		
	SHEET 3 of 3	Attorney Docket No.	GSKB-109US		

		NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
/PB/		PEETERS et al., "Phase I clinical trial with a hexavalent PorA containing meningococcal outer membrane vesical vaccine," <i>Vaccine</i> , Vol. 14, No. 10, 1996, pp. 1009-1015.	
/PB/		CLAASSEN et al., "Production, characterization and control of a Neisseria meningitidis hexavalent class 1 outer membrane protein containing vesicle vaccine," Vaccine, Vol. 14, No. 10, 1996, pp. 1001-1008.	
/PB/		FREDRIKSEN et al., "Production, characterization and control of MenB-vaccine "Folkehelsa": an outer membrane vesicle vaccine against group B meningococcal disease," NIPH Annals, Vol. 14, No.2, December 1991, pp. 67-80.	
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Examiner Signature	/P:	admavathi Baskar/ Date Considered 10/09/2008	

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